

WHAT IS CLAIMED IS:

1. An ophthalmologic apparatus comprising:

observation illumination means for illuminating
an eye fundus of an eye to be examined in observation
5 operation;

image taking illumination means for
illuminating the eye fundus in image taking
operation;

image pickup means for electrically converting
10 an image of the eye fundus of the eye to be examined
into an image signal;

conversion means for converting the image
signal obtained by the image pickup means into a
digital value;

15 a rewritable lookup table for storing data for
correcting the image signal converted into the
digital value; and

rewrite means for rewriting the data in the
lookup table,

20 wherein the rewrite means rewrites the data in
the lookup table in accordance with the observation
operation and the image taking operation.

2. An ophthalmologic apparatus according to
25 claim 1, wherein data written into the lookup table
is changed in accordance with a characteristic of the
observation illumination means and a characteristic

of the image taking illumination means.

3. An ophthalmologic apparatus comprising:

observation illumination means for illuminating
5 an eye fundus of an eye to be examined in observation
operation;

image taking illumination means for
illuminating the eye fundus in image taking
operation;

10 image pickup means for electrically converting
an image of the eye fundus of the eye to be examined
into an image signal;

conversion means for converting the image
signal obtained by the image pickup means into a
15 digital value;

a plurality of lookup tables for storing
different data for correcting the digital value of
the image signal; and

selection means for selecting a desired lookup
20 table from the plurality of lookup tables in
accordance with the observation operation and the
image taking operation,

wherein the selection means changes the lookup
table in accordance with the observation operation
25 and the image taking operation.